ATENT APPLICATION AND POWER OF (Includes Reference to PCT International Applications)

ORNEY

ATTORNEY'S DOCKET NUMBER

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint on the invention entitled. GLYCOSYL HYDROLASE GENES AND THEIR USE FOR PRODUCING ENZYMES FOR THE BIODEGRADATION OF CARRAGEENANS. the specification of which (check only one item below): is attached hereto. was filed as United States application Serial No. and was amended (if applicable). was filed as PCT international application Number <u>PCT/FR97/01768</u> on _____ October 6, 1997 and was amended under PCT Article 19 (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

l acknowlege the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (If PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119	
FRANCE	96 12204	07 OCTOBER 1996	K YES □ NO	
			YES NO	
			YES NO	
			YES NO	
			YES NO	

(Includes Reference to PCT International Applications)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35. United States Code, §112. I acknowlege the duty to disclose material information as defined in Title 37. Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the natio

	35 U.	n 0.5. APPLICA .S.C. 120:	THONS OR PCT	INTERNATIO	NAL APPLICATION	NS DESIGNA	TING	THE U.S.	FOR BENEFIT	UNDER
_			U.S. APPL	ICATIONS			Ţ	S	TATUS (Check or	ne)
	U.S. APPLICATION NUMBER				U S FILING DATE			TENTED	PENDING	ABANDONED
						· · · · · · · · · · · · · · · · · · ·		·		
							1		 	
	· · · · · · · · · · · · · · · · · · ·	·····								
		PCT /	APPLICATIONS DI	SIGNATING T	HE U.S.					
	PCT APPLICATION NO PCT FILING DA		G DATE	U S SERIAL NUMBERS ASSIGNED (if any)		1				
							1			
_					hereby appoint th					<u> </u>
_	David	Pollack	Reg.	N° 20478		J. Schultz rey S. Smi		Reg. N'		
e	nd Correspo DENNI 1745	ndence to: SON, MESER(OLE, POLLAC	K & SCHEI	Jeff NER	rey S. Sm:		Reg. N' Direct Te		-
-	nd Correspo DENNI 1745 Arlin	ndence to: SON, MESERO Jefferson I gton, Virgi	OLE, POLLAC	X & SCHEI	Jeff NER			Reg. N' Direct Te	39377 lephone Calls telephone number) 3) 412-115	-
	nd Correspo DENNI 1745 Arlin	Jefferson I gton, Virgi	DLE, POLLAC Davis Highwania 22202 RBEYRON	X & SCHEI	Jeff NER 612	rey S. Sm: Tristan		Reg. N' Direct Te (name and to (70) SECOND GIVE	2 39377 Ilephone Calls telephone number) 3) 412-115	-
	DENNI 1745 Arlin	FAMRY NAME BAI CITY 29233 CLEI POST OFFICE ADDRES	OLE, POLLAC Davis Highwania 22202 RBEYRON	K & SCHEI ay, Suite	Jeff NER 612 ST GIVEN NAME TE OR FOREIGN COUNTR	rey S. Sm: Tristan		Reg. N Direct Te (name and to (70) SECOND GIVE COUNTRY OF FRANC STATE & ZIP	2 39377 Ilephone Calls telephone number) 3) 412-115 EN NAME CITIZENSHIP CE CODE/COUNTRY	-
Se	DENNI 1745 Arlin FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	FAMRY NAME BACTIV 29233 CLEI POST OFFICE ADDRES 30 rue de	DLE, POLLAC Davis Highwania 22202 RBEYRON	K & SCHEI ay, Suite FIRS	Jeff NER 612 ST GIVEN NAME STE OR FOREIGN COUNTREFRANCE 7 29233 CLEDER T GIVEN NAME	rey S. Sm: Tristan		Direct Te (name and to (70) SECOND GIVE COUNTRY OF FRANCE	2 39377 Ilephone Calls telephone number) 3) 412-115 EN NAME CITIZENSHIP CE CODE/COUNTRY CE	-
	POST OFFICE ADDRESS	FAMRY NAME BACTIV 29233 CLEI POST OFFICE ADDRES 30 rue de	DLE, POLLAC Davis Highwania 22202 RBEYRON DER SS 1a Garenne	K & SCHEI ay, Suite FIRS	Jeff NER 612 ST GIVEN NAME STE OR FOREIGN COUNTREFRANCE 7 29233 CLEDER T GIVEN NAME	rey S. Sm: Tristan		Reg. N' Direct Te (name and to (70) SECOND GIVE COUNTRY OF FRANC STATE & ZIP FRANC SECOND GIVE	2 39377 Ilephone Calls telephone number; 3) 412-115 EN NAME CITIZENSHIP CE CODE/COUNTRY CE N NAME	-
	POST OFFICE ADDRESS FULL NAME OF INVENTOR	FAMRY NAME BAI CITY 29233 CLEI POST OFFICE ADDRES 30 rue de FAMRY NAME PO CITY 29680 ROSC POST OFFICE ADDRES POST OFFICE ADDRES ADDRES BAI CITY POST OFFICE ADDRES BAI CITY CONTROL OFFI CONTROL OF	DLE, POLLAC Davis Highwania 22202 RBEYRON DER SS 1a Garenne TIN	K & SCHEI ay, Suite FIRS STA CIT	Jeff NER 612 T GIVEN NAME TE OR FOREIGN COUNTR FRANCE T GIVEN NAME TE OR FOREIGN COUNTR TE OR FOREIGN COUNTR FRANCE	Tristan Y Philippe		Reg. N' Direct Te (name and to (70) SECOND GIVE COUNTRY OF FRANC SECOND GIVE COUNTRY OF FRANC STATE & ZIP FRANC STATE & ZIP	2 39377 Ilephone Calls telephone numberi 3) 412-115 EN NAME CITIZENSHIP CE CODE/COUNTRY CE IN NAME CITIZENSHIP CE CODE/COUNTRY CE CODE/COUNTRY	-
	POST OFFICE & CITIZENSHIP	FAMILY NAME POST OFFICE ADDRES AND THE BARRY NAME FAMILY NAME POST OFFICE ADDRES BARRY NAME POST OFFICE ADDRES FAMILY NAME POST OFFICE ADDRES AND THE BARRY NAME POST OFFICE ADDRES MARY NAME MARY NAME FAMILY NAME	DLE, POLLAC Davis Highwania 22202 RBEYRON DER SS 1a Garenne	K & SCHEI ay, Suite FIRS CIT FIRS CIT	Jeff NER 612 T GIVEN NAME TE OR FOREIGN COUNTR FRANCE Y 29233 CLEDER T GIVEN NAME TE OR FOREIGN COUNTR FRANCE Y 29680 ROSCOF T GIVEN NAME	Tristan Y Philippe Y	ith	SECOND GIVE COUNTRY OF FRANC SECOND GIVE COUNTRY OF FRANC COUNTRY OF FRANC COUNTRY OF FRANC	19377 Idephone Calls telephone number; 3) 412-115 IN NAME CITIZENSHIP CE CODE/COUNTRY CE CODE/COUNTRY CE CODE/COUNTRY CE CODE/COUNTRY CE CODE/COUNTRY CE	-
	POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR	FAMILY NAME POST OFFICE ADDRES AND THE BARRY NAME FAMILY NAME POST OFFICE ADDRES BARRY NAME POST OFFICE ADDRES FAMILY NAME POST OFFICE ADDRES AND THE BARRY NAME POST OFFICE ADDRES MARY NAME MARY NAME FAMILY NAME	DLE, POLLAC Davis Highwania 22202 RBEYRON DER SS 1a Garenne TIN COFF	K & SCHEI ay, Suite FIRS CIT FIRS CIT	Jeff NER 612 T GIVEN NAME TE OR FOREIGN COUNTR FRANCE Y 29233 CLEDER T GIVEN NAME TE OR FOREIGN COUNTR FRANCE Y 29680 ROSCOF T GIVEN NAME	Tristan Y Philippe Y Christophe	ith	SECOND GIVE COUNTRY OF FRANC SECOND GIVE COUNTRY OF FRANC SECOND GIVE COUNTRY OF FRANC STATE & ZIP FRANC STATE & ZIP FRANC	2 39377 Idephone Calls telephone number; 3) 412-115 EN NAME CITIZENSHIP CE CODE/COUNTRY CE CODE/COUNTRY CE CODE/COUNTRY CE N NAME CITIZENSHIP CE CODE/COUNTRY CE N NAME	-

information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF	INVENTOR OI	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	12 March 1999	12 March 1999	DATE 12 March 1999

	FULL NAME OF INVENTOR	HENRISSAT	FIRST GIVEN NAME Bernard	SECOND GIVEN NAME
04	RESIDENCE &	38400 URIAGE	STATE OR FOREIGN COUNTRY FRANCE	COUNTRY OF CITIZENSHIP FRANCE
20	POST OFFICE ADDRESS	PUSTOFFICE ADDRESS Quartier les Bonets	38400 URIAGE	STATE & ZIP CODE/COUNTRY FRANCE
	FULL NAME OF INVENTOR	FAVELY NAME YVIN	FIRST GIVEN NAME Jean-Claude	SECOND GIVEN NAME
205	RESIDENCE & CITIZENSHIP	35400 SAINT MALO	TATE OR FUREIGN COUNTRY FRANCE	COUNTRY OF CITIZENSHIP FRANCE
2	POST OFFICE ADDRESS	POSTOFFICE ADDRESS 2 rue Gabriel Dégrés	35400 SAINT MALO	STATE & ZIP CODE/COUNTRY FRANCE
	FULL NAME OF INVENTOR	KLOAREG	FIRST GIVEN NAME Bernard	SECOND GIVEN NAME
90	RESIDENCE &	29250 SAINT POL DE LEON	STATE OR FOREIGN COUNTRY FRANCE	COUNTRY OF CITIZENSHIP FRANCE
5	POST OFFICE ADDRESS	POST OFFICE ADDRESS 81 rue de la Rive	29250 SAINT POL DE LEON	STATE & ZIP CODE/COUNTRY FRANCE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
12 March 1999	12 March 1999	DATE 12 March 1999
TO PRINCE VITORS	Page 3 of 3	and the state of t

Page 3 of 3

U.S. LEPAREMENT OF COMMERCE Patentiand Transmick Office